



SEQUENCE LISTING

<110> Board Of Trustees Of Michigan State University
Thomashow, Michael F.
Fowler, Sarah George
Vogel, Jonathan
Zarka, Daniel

<120> Transcription Factors To Improve Plant Stress Factors

<130> MSU-10661

<140> US 10/632,436

<141> 2006-02-03

<150> US 60/400,777

<151> 2002-08-02

<160> 8

<170> PatentIn version 3.3

<210> 1

<211> 1308

<212> DNA

<213> Arabidopsis thaliana

<400> 1

```
gtatacatat acacaacata attcacaaca caacacaaac acatttctgt tttctccatt      60
gtttcaaacc ataaaaaaaa acacagatta aatggaatcg agtagcgttg atgagagtac      120
tacaagtaca gggtccatct gtgaaacccc ggcgataact ccggcgaaaa agtcgtcggt      180
aggtaactta tacaggatgg gaagcggatc aagcgttggtg ttagattcag agaacggcgt      240
agaagctgaa tctaggaagc ttccgtcgtc aaaatacaaa ggtgtggtgc cacaacaaaa      300
cggaagatgg ggagctcaga ttacgagaa acaccagcgc gtgtggctcg ggacattcaa      360
cgaagaagac gaagccgctc gtgcctacga cgtcgcggtt cacaggttcc gtcgccgtga      420
cgccgtcaca aatttcaaag acgtgaagat ggacgaagac gaggtcgatt tcttgaattc      480
tcattcgaaa tctgagatcg ttgatatgtt gaggaacat acttataacg aagagttaga      540
gcagagtaaa cggcgtcgta atggtaacgg aaacatgact aggacgttgt taacgtcggg      600
gttgagtaat gatggtgttt ctacgacggg gtttagatcg gcggaggcac tgtttgagaa      660
agcggtaacg ccaagcgacg ttgggaagct aaaccgtttg gttataccga aacatcacgc      720
agagaaacat tttccgttac cgtcaagtaa cgtttccgtg aaaggagtgt tgttgaactt      780
tgaggacgtt aacgggaaag tgtggagggt ccgttactcg tattggaaca gtagtcagag      840
ttatgttttg actaaagggt ggagcagggt cgtaaggag aagaatctac gtgctggtga      900
cgtggttagt ttcagtagat ctaacgggtc ggatcaacag ttgtacattg ggtggaagtc      960
```

gagatccggg tcagatttag atgcgggtcg ggttttgaga ttgttcggag ttaacatttc	1020
accggagagt tcaagaaacg acgtcgtagg aaacaaaaga gtgaacgata ctgagatgtt	1080
atcgttggtg tgtagcaaga agcaacgcat ctttcacgcc tcgtaacaac tcttcttctt	1140
ttttttttct tttgttggtt taataatttt taaaaactcc attttcgttt tctttatttg	1200
catcggtttc tttcttcttg tttaccaaag gttcatgagt tgtttttggt gtattgatga	1260
actgtaaatt ttatttatag gataaatttt aaaaagggtt acttagat	1308

<210> 2
 <211> 816
 <212> DNA
 <213> Arabidopsis thaliana

<400> 2	
atcatcaciaa ttttttattg tcaagtcgac aagaaaacgt agtttcattc acgctttgtc	60
gtggagtgga agagtggggc ctacgttgaa tgggtggacaa tttccttaaa tagattatac	120
gtaaaaatat ttagtgaata ctactatcac accaaactca aaaaacacia accacaagag	180
gatcatttca tttcgtttta atcatcatca tcagaagaaa aatgggtgcg atatcggaga	240
ggtggatgtc acggcggcga attgtttgat gcttttatct agagttggac tgacgggtggc	300
gatcaaaaac gcgttttcac atgtaaaacg tgtttgaagc gttccaagcc ttaggaggtc	360
accgtgcgag tcacaagaag cctaacaacg gtctggattg atgaagaagg tgaaaacgtc	420
gtcgcacctc tgtcccatat gtttccgatg ggacaagctt tgggaggaca catgaggaga	480
cacaggaacg tgctgggtggc gcgttggtta cacgcgcttt gttgccggag cccacgggtga	540
gaaatctagc agtgggaaga gagtggcttg tttggatctg agtctaggga tttgaatctc	600
aagttggagc ttggaagaac agtttattga ttttatttat ttttctgaat atatttggtt	660
ctctcattct ttgaattttt cttaatatcc atacatccgc agatttagga aactttcata	720
gagtgtaatc ttttctttct attttacttg tagcattgga gatttggtat gagattatct	780
tacttagcat atctattagc ctattttgcc gacgtg	816

<210> 3
 <211> 26
 <212> DNA
 <213> Arabidopsis thaliana

<400> 3	
tctagacgaa aaagtcgtcg gtaggt	26

<210> 4
 <211> 26
 <212> DNA
 <213> Arabidopsis thaliana

 <400> 4
 ggatccgagt tgttacgagg cgtgaa 26

 <210> 5
 <211> 28
 <212> DNA
 <213> Arabidopsis thaliana

 <400> 5
 actagtcaga agaaaaatgg ttgcgata 28

 <210> 6
 <211> 32
 <212> DNA
 <213> Arabidopsis thaliana

 <400> 6
 ggatccgaaa aattcaaaga atgagagaaa ca 32

 <210> 7
 <211> 27
 <212> DNA
 <213> Arabidopsis thaliana

 <400> 7
 tctagatcaa tggaaagaga acaagaa 27

 <210> 8
 <211> 31
 <212> DNA
 <213> Arabidopsis thaliana

 <400> 8
 agatctaaat tgactatata tctccggatt c 31